MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

March, 1945

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

MARCH 1945

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	70.1	70.4	70.8	70.4	16.1	8.7	12.3	15.6	10.6	12.8
2	69.2	67.5	67.0	67.9	17.2	10.8	12.8	16.7	13.4	14.3
3	3.9	1.4	0.0	1.8	19.3	15.0	15.0	18.3	15.6	16.3
4	55.7	54.0	54.3	54.7	24.4	13.9	17.7	22.1	16.2	18.7
5	7.8	7.9	61.6	9.1	18.2	10.0	16.1	13.8	10.6	13.5
6	64.3	64.0	65.1	64.5	16.4	10.0	13.2	16.3	12.1	13.9
7	3.5	2.4	3.5	3.1	15.6	9.4	13.4	14.5	12.2	13.4
8	4.1	4.0	4.2	4.1	17.2	11.8	13.3	13.3	12.8	13.1
9	4.6	4.7	5.3	4.9	18.8	11.4	16.3	18.1	14.9	16.4
10	6.0	5.4	6.2	5.9	17.2	11.2	12.8	15.6	12.7	13.7
11	66.0	65.1	65.9	65.7	17.2	10.7	14.0	16.8	12.7	14.5
12	63.2	1.4	2.4	2.3	14.8	8.4	13.3	12.8	13.0	13.0
13	67.9	9.4	70.6	9.3	11.6	6.3	9.8	11.6	8.8	10.1
14	71.7	70.6	69.7	70.7	14.7	7.7	11.6	14.5	11.1	12.4
15	67.9	66.2	7.3	67.1	17.4	9.6	12.7	17.3	11.7	13.9
16	67.9	67.3	67.9	67.7	17.0	10 0	14.1	16 9	12.7	14.6
17	8.2	7.2	7.3	7.6	18.9	11.8	15.2	18.8	12.8	15.6
18	6.7	5.8	6.4	6.3	18.4	10.3	13.4	18.4	13.2	15.0
19	6.3	6.1	6.2	6.2	18.5	10.6	15.6	17.7	12.7	15.3
20	4.9	3.8	3.9	4.2	17.5	10.1	11.1	16.2	12.7	13.3
21	65.5	65.7	67.5	66.2	14.7	7.4	13.3	14.7	10.8	12.9
22	8.3	7.6	7.4	7.8	17.2	7.9	13.4	17.1	10.7	13.7
23	5.2	2.8	1.7	3.2	18.9	10.7	15 4	18.8	13.8	16.0
24	0.6	59.4	0.0	0.0	18.2	8.8	15.6	17.1	10.7	14.5
25	0.6	60.2	1.7	0.8	16.3	8.3	13.9	14.8	8.8	12.5
26	62.7	62.8	64.7	63.4	16.4	9.6	13.3	15.8	9.9	13.0
27	7.7	7.7	8.2	7.9	18.3	11.3	15.6	17.8	13.4	15.6
28	8.8	8.4	8.8	8.7	20.4	10.9	16.8	20.1	13.7	16.9
29	9.5	8.2	8.7	8.8	19.8	10.0	16.6	19.8	15.6	17.3
30	5.6	3.4	1.6	3.5	23.9	16.3	17.8	22.1	17.3	19.1
31	56.5	53.4	56.3	55.4	26.2	12.3	23.9	25.6	23.9	24.4
	65.19	64.32	64.90	64.81	17.95	10.41	14.49	17.06	12.93	14.82

Barometer. range for month 753.4 – 771.7 mm.
„ 62-yr. average for month 761.21 mm.
Thermometer. range for month 6.3°C. — 26.2°
„ 62-yr. average for month 16.21° C.
Rain, total for month 103.64 mm.
„ , 62-yr. average for month 89.51 mm.
Total, from Sept. 1st. to end of month 1023.12 mm.
62-yr. average, Sept. 1st. to end of month 804.67 mm.

MARCH 1945

METEOROLOGICAL REGISTER

	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
	5.9	7.0	6.6	6.5	56	53	70	60	10.7	160.0	
	7.1	8.7	8.6	8.1	64	62	74	67	10.7	90.0	
	8.9	10.2	10.0	9.7	71	65	76	71	6.4	45.0	
	9.7	11.6	10.5	10.6	65	58	77	67	9.7	716.0	0.25
	9.7	10.3	8.0	9.3	72	89	83	81	3.4	663.0	9.65
6	6.4	7.9	7.2	7.2	56	57	69	61	9.3	93.0	0.51
7	7.3	7.6	7.0	7.3	64	62	66	64	3.8	120.0	
8	7.9	9.3	8.9	8.7	69	82	93	81	1.2	132.0	6.09
9	8.9	9.5	7.8	8.7	64	62	62	63	4.0	153.0	2.03
0	9.6	9.5	9.0	9.4	88	72	82	81	3.1	193.0	11.94
1	7.8	8.2	7.6	7.9	65	57	70	64	9.3	515.0	
2	8.6	9.1	7.2	8.3	75	82	65	74	0.8	1524.0	15.24
3	5.2	5.2	5.7	5.4	58	52	68	59	10.0	132.0	0.51
4	6.1	6.4	5.9	6.1	60	52	60	57	9.8	42.0	
5	6.4	7.4	6.7	6.8	60	50	65	58	10.2	35.0	
5	7.8	8.0	7.6	7.8	64	56	70	67	10.0	56.0	
7	8.0	9.1	8.9	8.7	62	56	81	66	10.0	77.0	
8	9.7	9.3	8.5	9.2	84	59	75	73	9.4	34.0	5.08
9	9.1	9.1	9.0	9.1	69	61	82	71	6.3	84.0	2.04
0	8.6	9.0	9.0	8.9	87	66	82	78	6.7	386.0	14.22
1	7.1	6.3	5.5	6.3	61	50	57	56	9.8	486.0	4.32
2	5.8	6.9	6.8	6.5	49	48	71	56	9.9	77.0	
3	7.6	8.7	8.4	8.2	59	54	71	61	9.9	351.0	
4	7.9	8.7	8.3	8.3	60	61	86	69	7.0	200.0	3.05
5	8.2	8.8	7.4	8.1	69	70	88	76	1.2	108.0	17.53
6	7.6	8.3	5.8	8.1	66	62	94	74	3.0	135.0	11.18
7	8.7	9.0	8.2	8.6	66	59	70	65	10.0	105.0	
8	8.9	10.0	8.8	9.2	62	57	76	65	9.9	179.0	
9	8.9	9.9	10.1	9.6	64	57	76	66	9.8	87.0	
0	10.9	12.7	10.9	11.5	72	64	74	70	7.3	92.0	
1	8.9	10.1	10.3	10.1	45	41	47	44	4.0	230.0	
	8.06	8.76	8.15	8.32	65.3	60.5	73.5	66.4	7.31	235.48	3.34

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

MARCH 1945

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1-st	0	0	0.3	2ne	2ne	0	slight	
2	0	2ci-st	1cu	1.0	1e	1n	1n	light	
3	1cu	10cu	10cu	7.0	1n	0	1e	slight	M. & D. a. m.
4	7cu	0	0	2.3	0	2s	4sw	„	W. 11:30 a. m., H.
5	7cu-ni	10ni	2ni	6.3	3sw	4w	1sw	mod.	
6	7cu	2cu	7cu	5.3	2sw	3nw	1nw	slight	
7	9st-cu	10cu	10cu-ni	9.7	1se	1sw	2sw	„	
8	5cu-ni	10cu-ni	9cu-ni	8.0	1se	3sw	0	light	
9	7cu-ni	4cu	0	3.7	3sw	2sw	0	slight	
10	10st-cu	4cu-st	10ni	8.0	1sw	2sw	1sw	„	
11	5cu	2cu	8cu-ni	5.0	0	3sw	1sw	slight	Tr.a. m. & p. m.
12	10ni	10ni	8cu-ni	9.3	3sw	4w	5sw	rough	G. p. m.
13	8cu	1cu	7cu	5.3	3nw	3nw	1nw	mod.	
14	1cu	1cu	0	0.7	0	2nw	1n	slight	
15	0	0	0	0.0	1e	1n	0	light	H a. m.
16	5cu	2cu	1cu	2.7	0	2n	0	light	
17	0	1cu	1cu	0.7	1n	2sw	0	calm	
18	10ni	1cu	2cu	4.3	0	2sw	0	light	
19	10cu-ni	5cu	9cu-ni	8.0	1sw	1sw	0	„	T.
20	10ni	1cu	10ni	7.0	1sw	2sw	0	„	
21	6cu	0	0	2.0	3ne	3n	2n	mod.	
22	0	0	0	0.0	1ne	1ne	0	light	
23	0	0	0	0.0	1n	3nw	3ne	„	
24	1cu	5cu	10ni	5.3	1n	3nw	1sw	„	H. a. m.
25	9cu	10cu	9ni	9.3	0	0	2sw	„	
26	10cu-st	8cu-ni	10ni	9.3	0	3nw	1se	slight	T. p. m.
27	0	0	0	0.0	0	3n	0	„	
28	0	8st-cu	8cu	5.3	1sw	1sw	0	light	
29	0	0	0	0.0	1ne	0	0	„	
30	6ci	8ci	3ci	5.7	1s	1s	1s	calm	
31	0	8st	7cu	5.0	2se	2se	4se	calm	H all day
				4.40					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	4	4	2	3	1	8	0	1	8	31
14:30	5	2	0	1	2	10	2	6	3	31
20:30	3	1	1	1	1	9	0	2	13	31
Totals	12	7	3	5	4	27	2	9	24	93

Number of days with rain 15, fog 0, thunderstorms 2, gale 1.

62 yr. av. days with rain during month 10.5 days